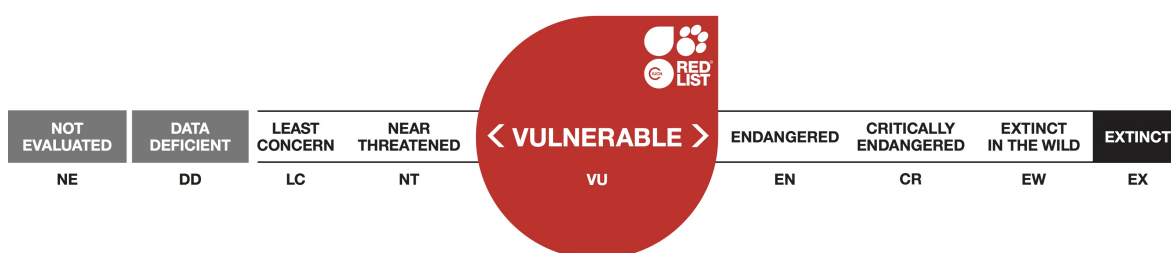


## *Pittosporum croceum*

**Assessment by:** Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.



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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

**Taxon Name:** *Pittosporum croceum* Guillaumin

**Taxonomic Source(s):**

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

## Assessment Information

**Red List Category & Criteria:** Vulnerable B1ab(iii,v)+2ab(iii,v) [ver 3.1](#)

**Year Published:** 2017

**Date Assessed:** July 23, 2015

**Justification:**

*Pittosporum croceum* is an endemic shrub of New Caledonia whose distribution area stretches from Mount Boulinda to Koumac. It is a shrubland species on ultramafic soils occurring at an altitudinal range of 10-900 m asl. Its area of occupancy and its extent of occurrence are equal to 76 and 1,149 km<sup>2</sup> respectively. Due to a lack of data, trends in its population size nor number of mature individuals are unknown. Across the seven locations identified, threats include bushfire, urban sprawl of the area Voh-Koné-Pouembout, damage caused by Rusa Deer, and mining activities. Using criteria B, *P. croceum* qualifies for listing as Vulnerable B1ab(iii,v)+2ab(iii,v).

## Geographic Range

**Range Description:**

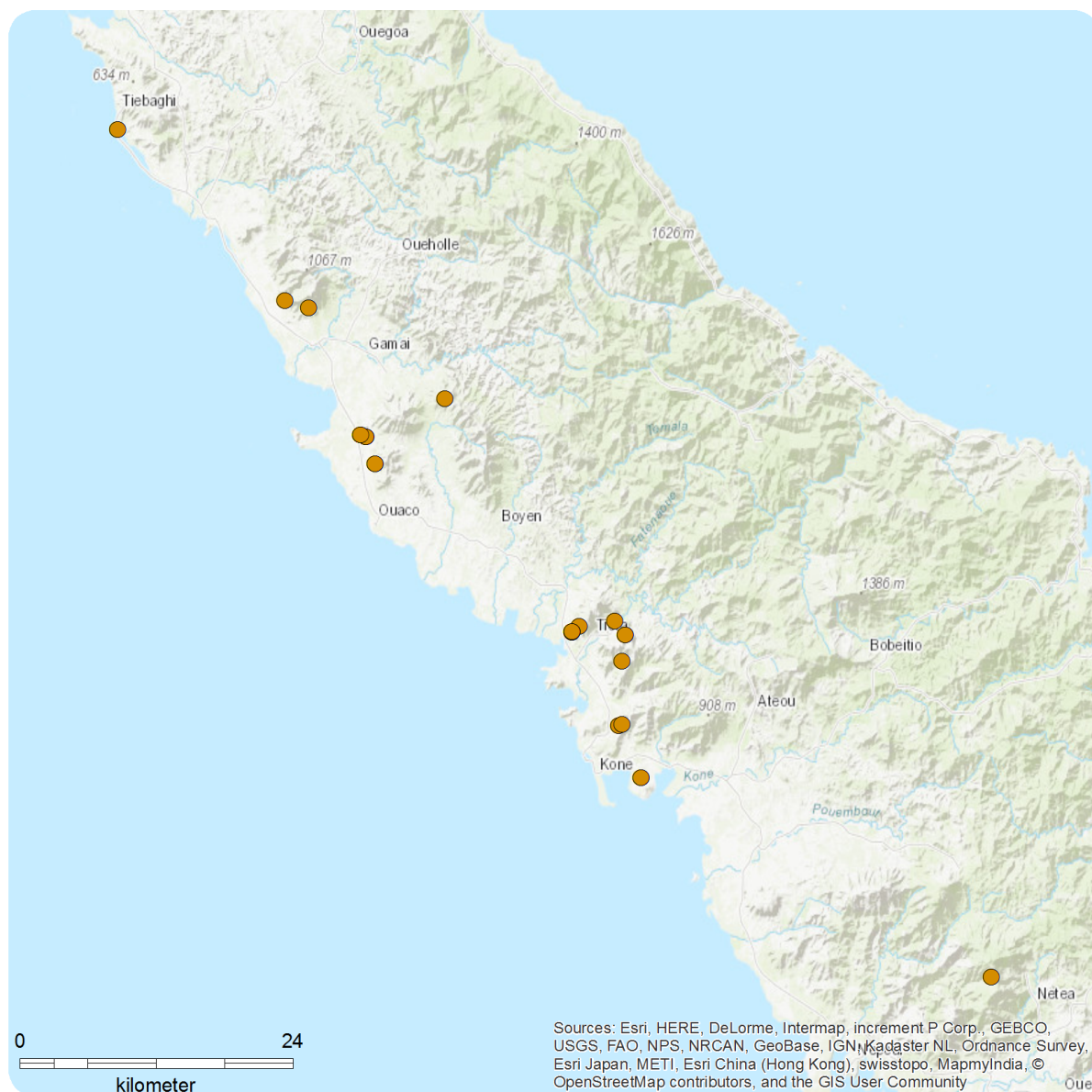
*Pittosporum croceum* is an endemic shrub of New Caledonia whose distribution stretches from Mount Boulinda to Koumac.

**Country Occurrence:**

**Native:** New Caledonia

# Distribution Map

*Pittosporum croceum*



## Range

● Extant (resident)

## Compiled by:

IUCN SSC New Caledonia Plants RLA



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



## Population

Population size is unknown due to a lack of data.

**Current Population Trend:** Decreasing

## Habitat and Ecology (see Appendix for additional information)

*Pittosporum croceum* is a shrubland species found growing on ultramafic soils at an altitudinal range of 10-900 m asl.

**Systems:** Terrestrial

## Threats (see Appendix for additional information)

Main threats to this species are bushfire, expanding urbanization on Voh-Koné-Pouembout, damage caused by Rusa Deer, mining activities and water stress resulting from habitat degradation.

## Conservation Actions (see Appendix for additional information)

*Pittosporum croceum* is not protected by any legislation and does not occur in any protected area.

## Credits

**Assessor(s):** Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.

**Reviewer(s):** Tanguy, V.

**Facilitators(s) and  
Compiler(s):** Chanfreau, S.

## Bibliography

Endemia.nc. 2016. Faune et Flore de Nouvelle-Calédonie. Available at: <http://www.endemia.nc>.

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Hély-Alleau. 2012. INC : Incendies et biodiversité des éco-systèmes en Nouvelle-Calédonie.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: [www.iucnredlist.org](http://www.iucnredlist.org). (Accessed: 7 December 2017).

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Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

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## External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

# Appendix

## Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry	-	Suitable	-

## Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
11. Climate change & severe weather -> 11.2. Droughts	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
3. Energy production & mining -> 3.2. Mining & quarrying	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.1. Species mortality		
8. Invasive and other problematic species, genes & diseases -> 8.1. Invasive non-native/alien species/diseases -> 8.1.2. Named species ( <i>Rusa timorensis</i> )	Ongoing	-	-	-
	Stresses:	2. Species Stresses -> 2.2. Species disturbance 2. Species Stresses -> 2.3. Indirect species effects -> 2.3.7. Reduced reproductive success		

## Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: No

<b>Conservation Actions in Place</b>
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

## Additional Data Fields

<b>Distribution</b>
Estimated area of occupancy (AOO) (km <sup>2</sup> ): 76
Continuing decline in area of occupancy (AOO): No
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km <sup>2</sup> ): 1149
Continuing decline in extent of occurrence (EOO): No
Extreme fluctuations in extent of occurrence (EOO): No
Number of Locations: 7
Continuing decline in number of locations: No
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 10
Upper elevation limit (m): 900
<b>Population</b>
Continuing decline of mature individuals: Yes
Extreme fluctuations: No
Population severely fragmented: No
Extreme fluctuations in subpopulations: No
<b>Habitats and Ecology</b>
Continuing decline in area, extent and/or quality of habitat: Yes
Generation Length (years): 0

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